**Unit 7 Map: Genetics**

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| **Topic** | **Specific Learning Target** | **DBA Score (%)** | **Test Score** (%) |
| 1. Mendel and Monohybrid Crosses | A. I can use basic genetics vocabulary (ex: genotype, phenotype, heterozygous, homozygous, dominant, recessive). |  |  |
| B. I can describe Mendel’s experiments. |
| C. I can use Punnett squares for basic monohybrid crosses. |
| D. I can use Punnett squares for unusual monohybrid crosses—incomplete dominance, codominance, and blood types. |
| 2. Sex-Linkage and Dihybrid Crosses | E. I can use Punnett squares for crosses that involve sex linkage . |  |  |
| F. I can use Punnett squares for dihybrid crosses. |
| 3. Pedigrees | G. I can analyze pedigrees to determine the type of inheritance for a trait—dominant, recessive, or sex-linked. |  |  |
| H. I can create a pedigree given information about several generations of individuals. |